

HISTORIC AMERICAN ENGINEERING RECORD
INDEX TO PHOTOGRAPHS

HAER
ALA
37-BES
5B-

SOUTHERN DUCTILE CASTING COMPANY,
MOLD MAKING
2217 Carolina Avenue
Bessemer
Jefferson County
Alabama

HAER No. AL-125-B

NOTE: Photographer Jet Lowe, August, 1995. All photographs
shot at 2500 ASA with a yellow filter 5000 ASA

- AL-125-B-1 SOUTHERN DUCTILE DOES NOT OWN OR CREATE PATTERNS
USED IN THEIR MOLDS. AS A JOBBING FOUNDRY MAKING
CASTINGS ON AN CONTRACTUAL-ORDER BASIS, THEIR
CUSTOMERS PROVIDE, OR CONTRACT FOR PATTERN
CONSTRUCTION. SOUTHERN DUCTILE DOES, HOWEVER,
PROVIDE REPAIR SERVICES SHOWN AS JOHNNY TIDWELL
PREPARES A PLATE, FORM-FITTING TO THEIR MOLDING
MACHINES, THAT A PATTERN WILL BE AFFIXED TO.
- AL-125-B-2 ALTHOUGH SOUTHERN DUCTILE DOES NOT OWN
PATTERNS, THEY ARE REQUIRED TO STORE
THEM AND KEEP THEM AVAILABLE FOR THEIR
CUSTOMERS ORDERS. THE BARRET/DOUGLAS
LIFTING TRUCK IS USED TO REACH AND
TRANSPORT PATTERNS.
- AL-125-B-3 OVERALL VIEW OF SOUTHERN DUCTILE'S
PATTERN REPAIR SHOP, SHOWING A SPANISH-
MADE FORADIA BORING MACHINE IN THE
FOREGROUND.
- AL-125-B-4 COPE AND DRAG PATTERNS, EACH IS USED AT
SEPARATE TIMES TO CREATE INDIVIDUAL
MOLD. HALVES FOR AN EXHAUST MANIFOLD
CASTING SIT IN FRONT OF MATCHPLATE
PATTERNS WITH BOTH COPE AND DRAG SIDES
AFFIXED TO A SINGLE PLATE, USED TO
CREATE BOTH MOLD HALVES AT THE SAME
TIME, IN THE BACKGROUND.